

COOPERATIVE RED IMPORTED FIRE ANT PROJECT COMPLIANCE AGREEMENT

COUNTY – CALIFORNIA DEPARTMENT OF FOOD AND
AGRICULTURE – UNITED STATES DEPARTMENT OF AGRICULTURE

COMPLIANCE AGREEMENT NO: _____

[Pursuant to the California Food and Agricultural Code, Section 5701(a); the California Code of Regulations, Section 3432; and Code of Federal Regulations, 7 CFR 301.81]

Project Address:	Thomas Bros.:
	Cross St:
	GPS coordinates:

County Agricultural Commissioner's Office
Red Imported Fire Ant Project

Name of Establishment:	
Name of Manager/Owner:	
Mailing Address:	
City:	Zip Code:
Phone:	Fax: () E-mail:
Physical Locations:	Thomas Bros, Cross St., GPS coordinates
1.	1.
2.	2.
3.	3.
4.	4.

PARTIES:

California Department of Food and Agriculture, the United States Department of Agriculture (Animal and Plant Health Inspection Service), and the _____ County Agricultural Commissioner, cooperating as the Red Imported Fire Ant Project (subsequently referred to as "Cooperative Red Imported Fire Ant Project").

Project Officer:		
Project Mailing Address –		
City:	State:	Zip Code:
Telephone:	Facsimile:	E-mail:

BUSINESS/ESTABLISHMENT

Establishment Name: (subsequently referred to as "Establishment")		
Contact Name:	Mailing Address:	
City:	Zip Code:	
Phone:	Fax:	E- mail:

BACKGROUND:

Red imported fire ants, *Solenopsis invicta*, present a real and ongoing threat to the agricultural industry and economy of the State of California. Movement of regulated articles is a recognized channel for the spread of red imported fire ants from established locations to new locations. The Cooperative Red Imported Fire Ant Project is a cooperative effort between public entities that are responsible for containing the movement of red imported fire ants. Establishment is located within an identified red imported fire ant quarantine area.

AGREEMENT:

- A. The Cooperative Red Imported Fire Ant Project will permit your establishment to self-execute the red imported fire ant quarantine requirements attached as Exhibit(s) _____, inclusive and incorporated into this agreement by reference as if fully set out.
- B. In exchange for the Cooperative Red Imported Fire Ant Project's promise contained in subparagraph "A" above, Establishment agrees to:
1. Handle, process, and/or move regulated articles in accordance with the red imported fire ant quarantine requirements;
 2. Follow the Cooperative Red Imported Fire Ant Project's instructions, whether written or in the form of a verbal communication from the Project Officer, for the use of any and all red imported fire ant permits and certificates;
 3. Maintain and make such records, as the Cooperative Red Imported Fire Ant Project requires accessible for inspection upon reasonable notice by the Cooperative Red Imported Fire Ant Project's Project Officer. These records shall be maintained for a period of the later of two years or the resolution of any outstanding claims.
- C. Agreement becomes effective on signing and shall remain in effect until canceled by either party on 30 days notice to the other at the address of either appearing above. However, the Cooperative Red Imported Fire Ant Project may accelerate the notice to immediate for cause, including but not limited to discovery of red imported fire ant life stages in regulated articles or Establishment's abandonment of the procedures outlined in the attached Exhibit(s).
- D. Establishment assumes liability, if any, arising from the manner in which Establishment applies treatments.

NOTICE: Any signatory or employee of any signatory who violates the terms of this Compliance Agreement may be subject to Civil Penalties pursuant to California Food and Agricultural Code Section 5705.

Signed in the County of _____, in the State of California on _____, ____	
Establishment _____ by:	Cooperative Red Imported Fire Ant Project by:
<i>Signature</i>	<i>Signature</i>
PRINT Name	PRINT Name
Manager/Owner	Project Officer

COOPERATIVE RED IMPORTED FIRE ANT PROJECT
COUNTY AGRICULTURAL COMMISSIONER, CDFA, USDA
County Address
County Phone and FAX numbers

EXHIBIT I

Production Nursery

1. The nursery must be maintained RIFA-free. All exposed soil surfaces, including sod and mulched areas, on property where plants are grown, potted, stored, handled, loaded, unloaded, or sold must be:
 - A) Treated with a broadcast application of Amdro Pro or Siege Pro (see [Exhibit III](#)) in early spring and late summer. Follow all label directions.
 - B) Treated with a broadcast application of either Award or Distance (see [Exhibit III](#)) in late spring and early fall. Follow all label directions.
 - C) Protein bait surveyed in early summer and late fall as per Exhibit V.
 - D) Visually surveyed for RIFA once every fourteen (14) days.

Nursery must coordinate pesticide application and protein bait survey dates with the Cooperative RIFA Project.

2. All nursery stock must be certified according to a treatment method outlined in Exhibit II, or other Cooperative RIFA Project approved methods, before being moved from nursery premises.
3. A Cooperative RIFA Project Certification Stamp, or other Cooperative RIFA Project approved certificate, must accompany each shipment of nursery stock.
4. Cooperative RIFA Project personnel may supervise all treatments.
5. Cooperative RIFA Project personnel may survey this nursery for RIFA at any time. Surveys may consist of visual inspection of nursery property, protein baiting, or pesticide residue analysis of potting media. Nursery must perform protein bait surveys as per Exhibit V when directed to by Cooperative RIFA Project. The Cooperative RIFA Project will inform Nursery of the results of all insect specimen identifications.
6. If upon analysis, insufficient pesticide residue is detected in soil or nursery stock certified for movement under this agreement, this agreement may be canceled or suspended by the Cooperative RIFA Project.
7. All costs or fees associated with pesticide residue analysis will be incurred by this nursery. Payment will be at time of sampling.
8. Maintain accurate and complete records of all nursery stock shipped and received. Records must be maintained for two years.
9. Maintain accurate and complete records of all pesticide treatments, including date of treatment and number and kind of nursery stock treated. Records must be maintained for two years.
10. Allow posting of posters and other informative material on nursery premises.
11. Allow periodic inspections by Cooperative RIFA Project personnel to verify compliance with these stipulations.
12. All pesticide treatments must be applied according to label directions.
13. Runoff of the solution from the treatment area should not be permitted.
14. Excess solution (and used solution) must be disposed of in accordance with state and local regulations.

COOPERATIVE RED IMPORTED FIRE ANT PROJECT

COUNTY AGRICULTURAL COMMISSIONER, CDFA, USDA

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EXHIBIT II

APPROVED TREATMENT METHODS FOR NURSERY STOCK

(Containerized and Balled and Burlapped)

Method A – RIFA-Free Nursery Program

Method B – Drench

Method C – Immersion

Method D – Soil Injection

**METHOD A - RIFA-FREE NURSERY PROGRAM
(CONTAINERIZED PLANTS ONLY)**

CONTROL

1. All plants, certified for movement under this program, will originate from a RIFA-free nursery.
2. The nursery premises, including growing and holding areas, will be maintained RIFA-free.
3. The following treatment program will be implemented:
 - A) All exposed soil surfaces, including sod and mulched areas, on property where plants are grown, potted, stored, handled, loaded, unloaded, or sold will be treated with a broadcast application of approved fire ant bait (see Exhibit III) at least once every three-to-four months at label rates. At least one application will be in early spring before alate queens are produced or have time to establish new colonies. Follow all label directions.
 - B) Following broadcast application of approved fire ant bait; any remaining RIFA colonies on nursery grounds will be treated with a Chlorpyrifos or Diazinon formulation registered for use against fire ant mounds. Follow all label directions.

PROCEDURE (FOR RIFA-INFESTED NURSERIES)

1. As existing nursery stock is shipped, sections of the nursery will be cleared of nursery stock (eg. by consolidation or attrition).
2. After each section is cleared of nursery stock, the section will be treated as outlined in 3(A) and 3(B) above.
3. After the section has been treated only RIFA-free nursery stock will be introduced into the section.
4. This procedure will continue until all sections of the nursery contain RIFA-free nursery stock.

EXCLUSION (RIFA-FREE NURSERY STOCK)

1. For Plants Grown On The Premises: All potting media will be treated with either a granular formulation of Bifenthrin prior to planting or drench treated after planting. All treatments will be applied according to label directions.
 - a) For incorporation of *granular Bifenthrin* into potting media in which containerized plants are grown the following guidelines must be followed:

Procedure: Use soil mixing equipment, which will adequately mix and thoroughly blend the required dosage of pesticide throughout the potting media. After potting, containers must be watered to point of saturation.

Insecticide and Dosage:

Currently, Talstar Nursery Granular and Talstar T&O Granular, both of which are manufactured by the FMC Corporation (EPA Reg. No. 279-3130) registered for this use in California. Dosage is based on the bulk density of the potting media and the desired certification period. Dose rate is expressed as parts per million (ppm), and calculated by the following formula:

$$(\text{Bulk Density of Media} \times \text{Desired ppm}) / \text{Concentration of Pesticide} = \text{lbs. of Talstar needed per cubic yard of media.}$$

Example: Assume that a potting media that weighs 500 lbs. per cubic yard is to be treated with granular bifenthrin at a rate of 25 ppm:

$$(500 \times 0.000025) / 0.002 = 6.25 \text{ lbs. of bifenthrin needed per cubic yard of media.}$$

Certification period:

Certification Period (months)	Dose Rate to Apply (ppm)
0 -6	10
0 -12	12
0 -24	15
Continuous	25

Exposure period: Containerized nursery stock may be certified immediately upon completion of treatment.

b) For *drench treatments*, follow directions in Method B.

2. Plants Obtained From Outside Sources Will Be Either:

- (a) Reshipped within 30 days; or
- (b) Obtained from other RIFA-free nurseries that are certified under a Cooperative RIFA Project compliance agreement; or
- (c) Drench treated in accordance with Method B and within the appropriate certification period be either:
 - (1) Repotted in media treated with a bifenthrin granular formulation,
 - (2) Re-drench treated (Method B) at appropriate certification intervals, or
 - (3) Shipped.

DETECTION

- 1. Nursery employees will visually survey the entire nursery premise twice monthly for the presence of RIFA. Date of surveys and findings shall be recorded.
- 2. If nursery personnel detect a RIFA colony, the Cooperative RIFA Project will be notified immediately.
- 3. If a RIFA colony is detected by nursery personnel, appropriate mound treatments will be utilized immediately.
- 4. Cooperative RIFA Project personnel may survey this nursery for RIFA at any time. Surveys may consist of visual inspection of nursery property, protein baiting, or pesticide residue sampling of potting media.

ENFORCEMENT

- 1. The nursery owner/manager will maintain accurate and complete survey and treatment records. These records shall be made available to Cooperative RIFA Project personnel upon request.
- 2. If a RIFA infestation* is detected on the nursery premises or on nursery stock during an inspection by Cooperative RIFA Project personnel, nursery stock within 200 feet of the infestation will not qualify for RIFA-free certification until necessary treatments are applied and the stock and premises are determined to be RIFA-free. The portion of the nursery beyond 200-feet from the infestation may retain its RIFA-free certification status. Cooperative RIFA Project personnel may declare the RIFA-infested portion of the nursery to be RIFA-free upon reinspection which shall be no sooner than thirty (30) days after treatment. During this period nursery stock from the RIFA-infested portion of the nursery may only be certified based upon treatment Method B or C, or other Cooperative RIFA Project approved methods.
- 3. Upon notification by the department of agriculture in any state or county of destination that a confirmed RIFA infestation was found on nursery stock from this nursery while considered to be RIFA-free, all shipments will be temporarily suspended. Reinstatement of RIFA-free status will be granted upon determination by Cooperative RIFA Project personnel that the nursery premises are free of RIFA and that all other provisions of this agreement are being followed. During this period nursery stock may only be certified based upon treatment Method B or C, or other Cooperative RIFA Project approved methods.

Certification Program: Continuous as long as all provisions of the RIFA-Free Nursery Program are followed.

* Infestation - "The presence of an imported fire ant queen or a reproducing colony of imported fire ants, except that on grass sod and plants with roots and soil attached an infestation is the presence of any life form of imported fire ant" -

METHOD B-DRENCH

Equipment:

1. A large-capacity bulk-mixing tank, either pressurized or gravity-flow for mixing and holding the insecticide solution.
2. Properly equipped hoses and watering nozzles that can be attached to the mixing tank and used to thoroughly saturate the plant balls with the insecticide solution.
3. Other Cooperative RIFA Project approved equipment.

Guidelines:

Containerized Plants-

1. Apply the chlorpyrifos solution to the point of saturation one time only.
OR
2. Apply the bifenthrin solution as necessary to achieve the required dosage.
3. The volume of the solution must be at least 1/5 (20%) of the volume of the container.
4. The identity of treated plants must be maintained.
5. Other Cooperative RIFA Project approved procedures may be utilized.

Balled and Burlap Plants-

1. Apply the chlorpyrifos solution as a substitute for plain water to the plants during the routine watering activities.
2. Do not remove burlap wrap from plants prior to treatment. Treat plants singly or in groups with the chlorpyrifos solution to the point of runoff on a twice daily schedule for 3 consecutive days.
3. The above treatment should be carried out in a well-ventilated, RIFA-free area. The treatment will be enhanced by adding an agricultural wetting agent to the chlorpyrifos solution at the labeled rate (usually 1/2 pint per 100 gallons of water).

Pesticide: Any emulsifiable chlorpyrifos or bifenthrin formulation registered for this use in California. The following charts list emulsifiable chlorpyrifos and bifenthrin pesticides known to be registered for this use in California. At this time there are no diazinon products known to be registered for this use in California. Follow all label directions.

EMULSIFIABLE CHLORPYRIFOS

Trade Name	EPA. Reg. No.	Amount of product to prepare per 100 gallons of treating solution
AllPro Dursban 4E	769-699	4 fl. oz.
Dursban 4E-N	62719-254	4 fl. oz.
Dursban TNP	34704- 66-65783	4 fl. oz.
Prentox Dursban 4E	655-499	4 fl. oz.

* Must be used in conjunction with SLN No. CA-820055

Exposure Period: Plants may be certified immediately upon completion of treatment.

Certification Period: 30 days.

BIFENTHRIN

Dosage rate is 25 ppm. The amount of formulation needed to achieve 25 ppm varies with the bulk density of potting media. Use the following chart to calculate the amount of formulation needed to achieve 25 ppm. The amount of formulation used for each plant is generally 1/5 the volume of the container. Follow all label directions.

Pesticide	EPA Registration Number
Talstar Nursery	279-3155
Talstar CA	279-3155-499
Potting media bulk density (lbs./cubic yard)	Fluid ounces of bifenthrin in 100 gallons to achieve 25 ppm
200	2.4
400	4.8
600	7.2
800	9.6
1000	12.0
1200	14.2
1400	16.8

Use proportional amounts of Talstar Nursery Flowable for potting media with bulk densities not listed.

Maximum Rates: Follow label directions under “Recommended High Drench Application Rate of Talstar for Control of IFA in Potting Media”.

Exposure Period: Plants may be certified immediately upon completion of treatment.

Certification Period: 180 days.

Precautions: Thorough saturation of the plant balls or containers with the insecticide solution is essential. Runoff of the solution from the treatment area should not be permitted. Excess solution (and used solution) must be disposed of in accordance with State and local regulations.

METHOD C--IMMERSION

Equipment:

A watertight container for mixing the treating solutions.

Open-top, watertight container or basin sufficiently large to accommodate the plants and treating solution.

3. Other equipment approved by the Cooperative RIFA Project.

Procedure: Locate immersion container or basin in well-ventilated, RIFA-free area. Do not remove burlap wrap or plastic containers with drain holes prior to immersion. Immerse soil balls and containers, singly or in groups, so that soil is completely covered by solution. Plants must remain in solution until bubbling ceases. Plant balls should have space between them when grouped in trays, baskets, or other dipping containers. After removal from dip, plants may be set on drainboard until adequately drained.

Thorough saturation of the plant balls or containers with the insecticide solution is essential.

As treating progresses, freshly prepared treating mixture should be added to maintain liquid at immersion depth. Dispose of treatment solution 8 hours after mixing. Clean container or basin before recharging. Disposal must comply with State and local regulations.

Treated nursery stock may not be returned to nursery growing areas prior to shipment.

Other procedures approved by RIFA Project may be utilized.

Precautions: Runoff of the solution from the treatment area should not be permitted. Excess solution (and used solution) must be disposed of in accordance with State and local regulations.

Pesticide: Diazinon 50WP or emulsifiable chlorpyrifos – Any formulation registered in California for this use is acceptable. The following chart lists Diazinon and emulsifiable chlorpyrifos pesticides known to be registered for this use in California. Follow all label directions.

Trade Name	EPA. Reg. No.	Amt. of product to prepare per 100 gallons of treating solution
Allpro Dursban 4E	769-699	4 fl. oz.
Dursban 4E-N	62719-254	4 fl. oz.
Dursban TNP	34704- 66-65783	4 fl. oz.
E Prentox Dursban 4E	655-499	4 fl. oz.
Daizinin 50WP**	100-460-34704	2 lbs.

* Must be used in conjunction with SLN No. CA-820055

** Must be used in conjunction with SLN. No. CA-770078

Exposure Period: Plants may be certified immediately upon completion of treatment.

Certification Period: Thirty days for Dursban. Ten days for Diazinon.

Precautions: Thorough saturation of the plant balls or containers with the insecticide solution is essential. Runoff of the solution from the treatment area should not be permitted. Excess solution (and used solution) must be disposed of in accordance with State and local regulations.

METHOD D— SOIL INJECTION

Equipment:

A pressurized large-capacity bulk-mixing tank for mixing and holding the insecticide solution.

Properly equipped hoses that can be attached to the mixing tank.

Soil probe with attached spray gun that can be turned off between each injection. Soil probe must be approximately three feet in

length and have a minimum of four holes at or near the tip. If additional holes are added, they must not be on the upper two feet of the probe.

Safety equipment required by the pesticide label. Protective eyewear is recommended.

Other Cooperative RIFA Project approved equipment.

Procedure:

1. The probe must be calibrated to deliver five gallons of treatment solution per minute. Proper calibration can be achieved by adjusting the spray tank pressure sufficiently to fill a five gallon bucket with clean water in one minute.
2. Boxed trees (larger than 15 gallon capacity) – The probe must be inserted into and under the root ball at an approximately 45-degree angle at each corner (four corners) of the box container.
3. The box container size determines the length of time for each probe insertion/insecticide injection. The total amount of treatment solution applied is generally 1/5 the volume of the container. Listed below are approximate injection times for several common box container sizes.

24 inch box container – 15 seconds per injection (one minute total treatment time).

36 inch box container – 30 seconds per injection (two min. total treatment time).

42 inch box container – 45 seconds per injection (three min. total treatment time).

48 inch box container – 60 seconds per injection (four min. total treatment time).

60 inch box container – 75 seconds per injection (five min. total treatment time).

These are approximate injection times. Each injection may be of much shorter duration depending upon root ball density and soil type. To prevent excessive pesticide runoff, soil should not be dry or saturated at time of treatment.

4. An additional top drench may be required if Project Officers determine that sufficient soil saturation is not achieved after soil injection.
 5. The identity of the treated plants must be maintained.
- Other Cooperative RIFA Project approved procedures may be utilized.

Pesticide: Any emulsifiable chlorpyrifos or bifenthrin formulation registered for this use in California. The following charts list emulsifiable chlorpyrifos and bifenthrin pesticides known to be registered for this use in California. At this time there are no diazinon products known to be registered for this use in California. Follow all label directions.

EMULSIFIABLE CHLORPYRIFOS

Trade Name	EPA. Reg. No.	Amount of product to prepare per 100 gallons of treating solution
AllPro Dursban 4E	769-699	4 fl. oz.
Dursban 4E-N	62719-254	4 fl. oz.
Dursban TNP	34704- 66-65783	4 fl. oz.
Prentox Dursban 4E	655-499	4 fl. oz.

* Must be used in conjunction with SLN No. CA-820055

Exposure Period: Plants may be certified immediately upon completion of treatment.

Certification Period: 30 days.

BIFENTHRIN

Dosage rate is 25 ppm. The amount of formulation needed to achieve 25 ppm varies with the bulk density of potting media. Use the following chart to calculate the amount of formulation needed to achieve 25 ppm. The amount of formulation used for each plant is generally 1/5 the volume of the container. Follow all label directions.

Trade Name	EPA Registration Number
Talstar Nursery Flowable	279-3155
Talstar CA Flowable	279-3155-499
Potting media bulk density (lbs./cubic yard)	Fluid ounces of bifenthrin in 100 gallons to achieve 25 ppm
200	2.4
400	4.8
600	7.2
800	9.6
1000	12.0
1200	14.2
1400	16.8

Use proportional amounts of Talstar Nursery Flowable for potting media with bulk densities not listed.

Maximum Rates: Follow label directions under “Recommended High Drench Application Rate of Talstar for Control of IFA in Potting Media”.

Exposure Period: Plants may be certified immediately upon completion of treatment.

Certification Period: 180 days.

Precautions: Thorough saturation of the root ball or container with the insecticide solution is essential. Runoff of the solution from the treatment area should not be permitted. Excess solution (and used solution) must be disposed of in accordance with State and local regulations.

COOPERATIVE RED IMPORTED FIRE ANT PROJECT
COUNTY AGRICULTURAL COMMISSIONER, CDFA, USDA
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EXHIBIT III

THE FOLLOWING PRODUCTS ARE REGISTERED IN CALIFORNIA AND APPROVED FOR USE AGAINST RED IMPORTED FIRE ANT*

For IMMERSION, or DRENCH, or SOIL INJECTION treatment of containerized and balled and burlapped nursery stock:

AllPro Dursban 4E - EPA Reg. No. 769-699, manufactured by SureCo, Inc.
Dursban 4E-N - EPA Reg. No. 62719-254, manufactured by United Horticultural Supply.
Dursban TNP - EPA Reg. No. 34704-66-65783, manufactured by United Horticultural Supply.
Prentox Dursban 4E - EPA Reg. No. 655-499, manufactured by Prentiss Incorporated.
Talstar Nursery Flowable – EPA Reg. No. 279-3155, manufactured by FMC Corp.
Talstar CA – EPA Reg. No. 279-3155-499, manufactured for Whitmire Micro-Gen.
Diazinon Clean Crop 50WP – EPA. Reg. No. 100-460-34704, SLN No. 770078 (**IMMERSION ONLY**)

For SOIL INCORPORATION of nursery stock potting media:

Talstar Nursery Granular (Bifenthrin) - EPA Reg. No. 279-3130, manufactured by FMC Corp.
Talstar T&O Granular (Bifenthrin) - EPA Reg. No. 279-3130, manufactured by FMC Corp.

For BROADCAST BAITING:

Award (Fenoxycarb) - EPA Reg. No. 100-722, manufactured by Novartis Crop Protection, Inc.
Amdro Pro or **Siege-Pro** (Hydramethylnon) - EPA Reg. No. 241-322, manufactured by American Cyanamid Company.
Distance (Pyriproxyfen) - EPA Reg. No 1021-1728-59639, manufactured by Valent USA Corp.

For GRASS SOD and TURF Drenching:

Dursban 50W Nursery - EPA Reg. No. 62719-255, manufactured by Dow Elanco.
Dursban 50W Nursery - EPA Reg. No. 62719-72, manufactured by Dow Elanco.
Dursban TNP - EPA Reg. No. 34704-66-ZA65783, manufactured by United Horticultural Supplies.

For MOUND and COLONY spot treatments:

AllPro Dursban 4E - EPA Reg. No. 769-699, manufactured by SureCo, Inc.
Dursban 4E-N - EPA Reg. No. 62719-254, manufactured by United Horticultural Supply.
Dursban TNP - EPA Reg. No. 34704-66-ZA65783, manufactured by United Horticultural Supply.
Prentox Dursban 4E - EPA Reg. No. 655-499, manufactured by Prentiss Incorporated.

*All products must be used according to label instructions. Question or inquiries regarding products that are not listed above, should be directed to the Cooperative RIFA Project (714-708-1910)

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EXHIBIT IV

CERTIFICATION REQUIREMENTS FOR THE SHIPMENT OF NURSERY STOCK FROM CALIFORNIA RIFA
QUARANTINE AREAS TO ARIZONA UNDER THE TERMS OF
THE ARIZONA MASTER PERMIT 01-02

In exchange for the Arizona Department of Agriculture's conditional promise to allow:

- Shipments of nursery stock to enter the state seven days a week without being placed under "Warning Hold" to destination, and
- Plant material to be unloaded at destination without being held for inspection in a holding area.

Nursery must abide by the following requirements:

1. Implement the RIFA-Free Nursery Program as outlined Exhibit II, Method A.
2. Immediately prior to shipping, inspect nursery stock in potting media treated with bifenthrin by firmly banging on the containers to detect any live ants that may be present.
3. Nursery stock not treated with bifenthrin must be treated within five (5) days before shipment.
4. Treat containers 15 gallons or larger as per Exhibit II, Method D within five (5) days before shipment.
5. Inspect all conveyances prior to loading and treat or do not use conveyances infested with live ants.
6. Do not ship nursery stock infested with ants before obtaining an official identification of the ants.
7. Prior to shipment, notify the Arizona Department of Agriculture via fax of the name and address of each Arizona receiver and the kind and quantity of all plant material being shipped. Fax invoices to Kathy Cameron with Arizona Dept. of Ag at 602-542-0999 or 602-542-1004.
8. Require all appropriate production nursery staff and supervisors to attend a UC/CDFA training session for proper treatment, bait survey protocols, and inspection procedures.
9. Under the supervision of the Cooperative RIFA Project, Nursery must conduct a minimum of two bait surveys for RIFA, as per Exhibit V, per year. At a minimum, surveys shall be performed prior to the spring shipping season and again at mid-season.
10. Nursery must bear the cost for Arizona Department of Agriculture representatives to travel to California to conduct inspections at Nursery's facilities and to review Nursery's records applicable to this agreement.
11. Shipments of nursery stock shall enter Arizona through the agricultural ports of entry on I-10 at Ehrenberg, or on I-8 or B-8 at Yuma.
12. Each shipment shall be accompanied by itemized bills of lading bearing:
 - a. Appropriate certification for all applicable state or federal quarantines.
 - b. A statement of origin.
 - c. The name and address of each receiver.
 - d. The common or botanical names and quantities of material being shipped.
 - e. The statement "This shipment meets the entry requirements of Arizona Master Permit 01-02".
13. Reimburse the Cooperative RIFA Project for all costs or fees associated with pesticide residue analysis. Payment will be at time of sampling.
14. Maintain accurate and complete records of all nursery stock shipped to Arizona, including fax log to support requirement seven (7). Records shall be maintained for two years.
15. Maintain accurate and complete records of all pesticide treatments, including date of treatment and number and kind of nursery stock treated. Records must be maintained for two years.
16. Allow Cooperative RIFA Project personnel to verify Nursery's compliance with these requirements.

ADDITIONAL CONDITIONS

- The Arizona Department of Agriculture may inspect nursery stock produced under the terms of this agreement at the Arizona port of entry or at destination sites.
- The detection of RIFA in a shipment of nursery stock will result in the rejection of the shipment, and will result in the nursery being suspended from shipping to Arizona until an investigation is conducted and corrections are made.
- The violation of any condition of this permit may result in the rejection of a shipment and the suspension of this agreement.

COOPERATIVE RED IMPORTED FIRE ANT PROJECT

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EXHIBIT V

Red Imported Fire Ant (RIFA) Protein Bait Survey Procedures for Nurseries

1. Nursery is responsible for performing the survey. The survey includes but is not limited to the preparation of the bait and bait cages, and the placement and retrieval of the baited cages. The Project will contact nursery to schedule date and time for bait survey.
2. Nursery is responsible for providing the necessary resources, including Spam, bait cages, flags and personnel, to perform the survey.
3. The Cooperative RIFA Project will monitor Nursery's performance of the survey and collect all ant specimens for identification.
4. The Cooperative RIFA Project will notify Nursery of the results of all ant specimen identifications.
5. The protein bait shall be fresh Spam or other Cooperative RIFA Project approved baits.
6. The bait shall not be smaller than ½-inch square.
7. The bait shall be placed in bait cages which must be placed at approximately 50-foot intervals in a grid pattern throughout the nursery.
8. Each bait cage must be secured to the ground and marked with a flag.
9. Bait cages must be baited and placed the day of the survey, and should be out a minimum of two (2) hours before being inspected by Cooperative RIFA Project personnel.
10. After the baited cages have been placed, Nursery shall not interfere with or prevent ants from gaining access to the bait (e.g. excess watering or pesticide treatments).
11. Nursery shall not remove or alter the flags placed at bait sites from which ant specimens have been collected unless so authorized by the Cooperative RIFA Project.

COOPERATIVE RED IMPORTED FIRE ANT PROJECT

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EXHIBIT VI – Non-Production Nursery

1. The nursery premises will be maintained Red Imported Fire Ant (RIFA) free.
2. If live RIFA is found at the nursery, nursery will go through treatment protocol:
 - All exposed, permeable surfaces, including soil, sod, gravel, sand, mulched and landscaped areas on property where plants are sold, stored, shipped or received from, will be treated with a broadcast application of approved fire ant bait (See exhibit III) at least every 3 to 4 months at the rate of 1.5 pounds per acre. At least one application will be in early spring before alate queens are produced or have time to establish new colonies.
 - All nursery stock will be drenched with an approved pesticide (see Exhibit III). Follow label directions for all pesticides.
3. Documentation of all nursery stock received, its sources and origins will be made available to RIFA project staff upon request.
4. Plants obtained from any imported fire ant quarantine areas of the U.S. *including California* will be properly certified.
5. Nursery stock remaining at the nursery property for more than 30 days need to be treated with approved pesticide before being sold, unless documented to be treated with longer lasting pesticide.
6. RIFA project personnel may supervise any RIFA quarantine treatments that may be necessary on the nursery premises.
7. RIFA project personnel may survey this nursery for RIFA at any time. Surveys may consist of visual inspection of nursery property and/or protein baiting.
8. Allow posting and/or distribution of posters and other informative material on nursery premises.
9. Allow periodic inspections by RIFA project personnel to verify compliance with these stipulations.

**CALIFORNIA DEPARTMENT OF FOOD
AND AGRICULTURE
COOPERATIVE**

RED IMPORTED FIRE ANTS PROJECT

Meets the requirements of Federal and
California Imported Fire Ant Quarantines

No. _____